MONUMENT RECORD

Corner ID: **BeBl_E03**

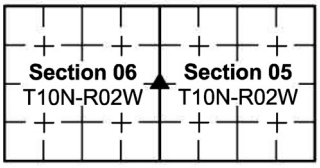
Quarter Corner

Sections 5, 6, - T10N-R02W, 2nd P.M.

Wayne Township, Owen County, Indiana

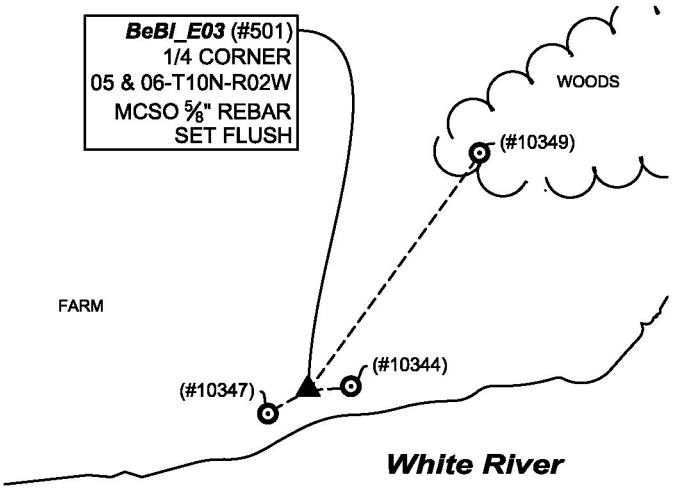
Though in Owen County, this corner is, in places, referred to as

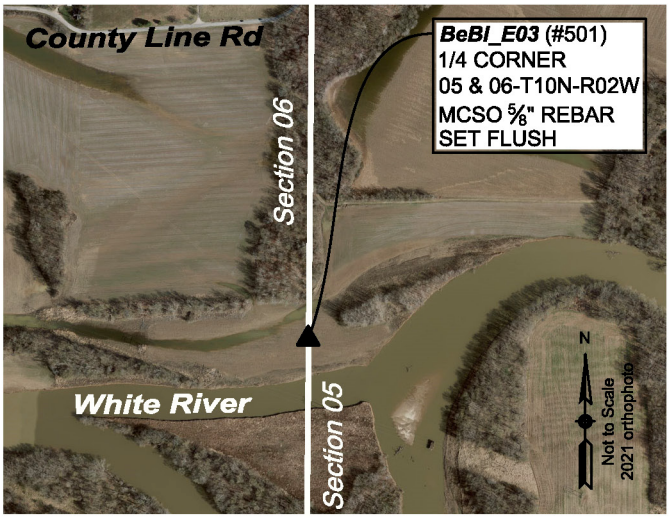
Bean Blossom Township, Monroe County, Indiana



MONUMENT: *Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)*
5/8" rebar (24" long) with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS #20100021, set flush with ground, 3' south of the south edge of a farm field, 25' north of the north top of bank of white river.

MONUMENT LOCATION SKETCH:





MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting.

(#10344)	N 86d51'31" E	34.02'	*N:1487964.1629' E:3070238.9405'* Rebar Lite set
(#10347)	S61d06'55" W	39.22'	*N:1487943.3518' E:3070170.6274* Rebar Lite
(#10349)	N35d59'34" E	294.71'	*N:1488200.7425' E:3070378.164'* Rebar Lite

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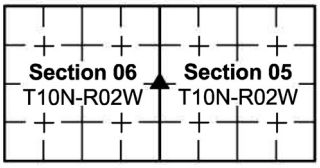

PHOTO IDENTIFIED: *Photo Date:* 03/04/2024

Photo Orientation & Description: From above

Photo Orientation & Description: From West looking East

EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation*

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 *By:* William Harris Deputy Surveyor
Where filed or recorded: Original notes page 266
Original monument: 12" diameter Elm tree at original corner
Bearing Trees or Reference Monuments:

Species	*Dia.*	*Bearing*	*Distance*
None given		°	
		°	

Notes:

SUBSEQUENT CORNER RESTORATION:

None Found

OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

None Found

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 3/06/2024 *By:* MES/JMG *Monument Found:* set Rebar *BTs or Reference Objects Found:* references made this survey. *Project #:* 24-001 *Field Book:* 56, pages 13 & 14. *Notes:*

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The rebar is near the north top of bank of white river. We accessed the location by driving down (south) a farm lane that takes from a 90-degree curve on County line Road, where said road turns away from the east line of Section 6/west line of Section 5. We drove south on said farm lane, through some woods to the east edge of the woods, where the farm lane turns east. We parked at the edge of the woods and walked down the east side of said woods approximately 850' to the corner.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

Rebar was set. 3 rebar lites were set within sight of the monument, that could be used to reestablish the monuments' location should it become obliterated. 2 reference trees were located for a visual aid in finding the monument.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The corner was determined as a lost Section corner. A lost Section corner is defined as a corner whose original position cannot be determined by substantial evidence, either from traces of the original mark or from acceptable evidence or reliable testimony that bears upon the original position, and whose location can be restored only by reference to one or more interdependent corners. The rebar was set on line between a stone found at the Northeast corner Section 6/Northwest corner Section 5 and a rebar set (in place

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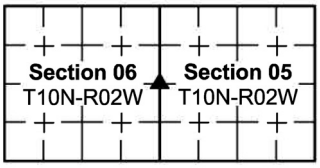


of a found and removed nail) at the Southeast corner Section 6/ Southwest corner Section 5 and at a proportional split of the record vs measured dimension on and along said Section line, per the procedures set forth by the bureau of land management for establishment of a lost Section corner. It is noteworthy and peculiar that the original BLM notes and BLM plat for this line cite a distance of 80.91 chains (5340.06') for the Section line whereas the distance measured this survey was 5624.87' for a substantial difference (284.81') and even more peculiar that the original plat shows the north to south mid line of Section 6 as 84.74 chains (5592.84'), not significantly (subjective to opinion) different from the 5528.18' measured on and along said line this survey. As such I concluded a significant error of some kind took place in the original measurement, or documentation of the original measurement, of the East line Section 6/West line Section 5. I can only hypothesis that the error likely took place at the river, but without any conclusive evidence of this hypothesis, I felt the corner at BeBl_E03 had to be set proportionally from the record dimensions. There is undoubtedly significant, unresolvable uncertainty that this is truly where the corner was originally set.

GEODETIC COORDINATES: *Northing:* 1487962.3, *Easting:* 3070205.0

BASIS OF GEODETIC COORDINATES:

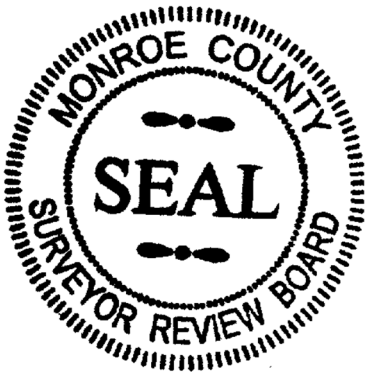
The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 5 or Section 6, Township 10 North Range 2 West, by Michael E. Sheppard of the Monroe County Surveyor's Office dated xxxxxxx.

CERTIFICATIONS:

Date: 4/16/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021

Date: 4/16/2024
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe County
Survey Review Board on 4/16/2024